Application No. 10/082,003 Amdt. dated Dec. 22, 2003

Reply to Office Action of October 3, 2003

Amendments to the Claims:

1. (Original) A polymorphic form of 9-nitrocamptothecin, the polymorph being characterizable as having, by differential scanning calorimetry, an endotherm at between 273.9 to 275.9 °C, and an exotherm at between 279.3 and 281.3 °C.

- 2. (Original) A polymorphic form of 9-nitrocamptothecin according to claim 1, the polymorph being further characterizable as having, by differential scanning calorimetry, an endotherm at between 274.4 to 275.3 °C, and an exotherm at between 279.8 and 280.8 °C.
- 3. (Original) A polymorphic form of 9-nitrocamptothecin according to claim 1, the polymorph being further characterizable as having, by differential scanning calorimetry, an endotherm at between 274.7 to 275.1 °C, and an exotherm at between 280.1 and 280.5 °C.
- 4. (Original) A polymorphic form of 9-nitrocamptothecin according to claim 1, the polymorph being further characterizable as having, by differential scanning calorimetry, an endotherm at between 274.8 to 275.0 °C, and an exotherm at between 280.2 and 280.4 °C.
- 5. (Original) A polymorphic form of 9-nitrocamptothecin, the polymorph being characterizable as having, by differential scanning calorimetry, an endotherm at between 273.9 to 275.9 °C, and an exotherm at between 279.3 and 281.3 °C.
- 6. (Original) A polymorphic form of 9-nitrocamptothecin, the polymorph being characterizable as having, for Cu $K\alpha$ radiation of wavelength of 1.5406 Angstrom, an X-ray powder diffraction pattern with diffraction lines at °2 θ values 4.8, 14.2, 19.1 and 26.8.
- 7. (Currently Amended) A polymorphic form of 9-nitrocamptothecin in a form crystallized from acetonitrile.

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8. (Original) A polymorphic form of 9-nitrocamptothecin according to claim 7, the polymorph being characterizable as having, differential scanning calorimetry, an endotherm at between 273.9 to 275.9 °C, and an exotherm at between 279.3 and 281.3 °C.

- 9. (Original) A polymorphic form of 9-nitrocamptothecin according to claim 7, the polymorph being characterizable as having an X-ray powder diffraction pattern with diffraction lines at $^{\circ}2\theta$ values 4.8, 14.2, 19.1 and 26.8 for Cu $K\alpha$ radiation of wavelength 1.5406 Angstrom.
- 10. (Original) A polymorphic form of 9-nitrocamptothecin according to claim 7, the polymorph being characterizable as having, for Cu $K\alpha$ radiation of wavelength 1.5406 Angstrom, an X-ray powder diffraction pattern with diffraction lines at °2 θ values 4.8, 14.2, 19.1 and 26.8.
- 11. (Original) A pharmaceutical composition comprising:
 - a pharmaceutical carrier; and
- a polymorphic form of 9-nitrocamptothecin, the polymorph being characterizable as having, by differential scanning calorimetry, an endotherm at between 273.9 to 275.9 °C, and an exotherm at between 279.3 and 281.3 °C.
- 12. (Original) A pharmaceutical formulation according to claim 11, the polymorph being further characterizable as having, by differential scanning calorimetry, an endotherm at between 274.4 to 275.3 °C, and an exotherm at between 279.8 and 280.8 °C.
- 13. (Original) A pharmaceutical formulation according to claim 11, the polymorph being further characterizable as having, by differential scanning calorimetry, an endotherm at between 274.7 to 275.1 °C, and an exotherm at between 280.1 and 280.5 °C.
- 14. (Original) A pharmaceutical formulation according to claim 11, the polymorph being further characterizable as having, by differential scanning calorimetry, an endotherm at between 274.8 to 275.0 °C, and an exotherm at between 280.2 and 280.4 °C.

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15. (Original) A pharmaceutical composition comprising:

a pharmaceutical carrier; and

a polymorphic form of 9-nitrocamptothecin, the polymorph being characterizable as having, by differential scanning calorimetry, an endotherm at between 273.9 to 275.9 °C, and an exotherm at between 279.3 and 281.3 °C.

16. (Original) A pharmaceutical composition comprising:

a pharmaceutical carrier; and

a polymorphic form of 9-nitrocamptothecin, the polymorph being characterizable as having, for Cu $K\alpha$ radiation of wavelength of 1.5406 Angstrom, an X-ray powder diffraction pattern with diffraction lines at °2 θ values 4.8, 14.2, 19.1 and 26.8.

- 17. (Original) A pharmaceutical composition comprising:
 - a pharmaceutical carrier; and
 - a polymorphic form of 9-nitrocamptothecin crystallized from acetonitrile.
- 18. (Original) A pharmaceutical formulation according to claim 17, the polymorph being characterizable as having, differential scanning calorimetry, an endotherm at between 273.9 to 275.9 °C, and an exotherm at between 279.3 and 281.3 °C.
- 19. (Original) A pharmaceutical formulation according to claim 17, the polymorph being characterizable as having an X-ray powder diffraction pattern with diffraction lines at $^{\circ}2\theta$ values 4.8, 14.2, 19.1 and 26.8 for Cu $K\alpha$ radiation of wavelength 1.5406 Angstrom.
- 20. (Original) A method of preparing a polymorphic form of 9-nitrocamptothecin, the method comprising:

crystallizing 9-nitrocamptothecin from acetonitrile.

21. (Original) A method according to claim 20, the polymorph being characterizable as having, differential scanning calorimetry, an endotherm at between 273.9 to 275.9 °C, and an exotherm at between 279.3 and 281.3 °C.

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22. (Original) A method according to claim 20, the polymorph being characterizable as having an X-ray powder diffraction pattern with diffraction lines at $^{\circ}2\theta$ values 4.8, 14.2, 19.1 and 26.8 for Cu $K\alpha$ radiation of wavelength 1.5406 Angstrom.